

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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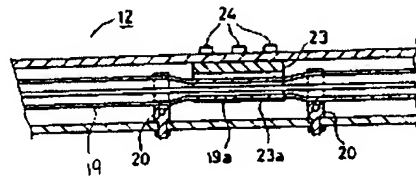
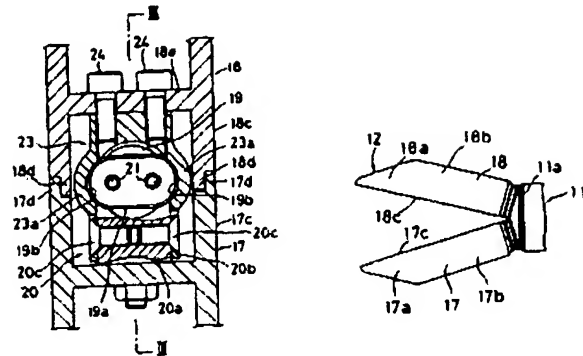
APPLICATION DATE : 17-02-89  
APPLICATION NUMBER : 01037735

APPLICANT : NISSAN MOTOR CO LTD;

INVENTOR : KAWAI TADASHI;

INT.CL. : B64G 1/64

TITLE : SEPARATOR DEVICE FOR  
CONNECTION UNIT



ABSTRACT : PURPOSE: To make it possible to attain smooth and sure separation by providing, in a connection part of one member, a pipe inserting cord-shaped ammunition changing, by its explosion, a section of a section change part releasing engagement of two members and separating both the members.

CONSTITUTION: A rocket connects to an end part of its case 11 a nose fairing 12 consisting of a pair of nose segments 17, 18 separably connected by a separator device. The separator device, when the rocket reaches a predetermined altitude, is separated so as to open the nose fairing 12. That is, by arranging, in a connection part 17c of the one segment 17, a pipe 19 inserting, in its inside, ammunition 21 initiated by a triggering device, not shown, increasing a pressure in the pipe 19 by explosive force of the ammunition deforming a section change part 19a from an ellipse to a circle thus detaching a stopper piece part 23a of a hook member 23 from both end parts 19b of the section change part 19a, the segments 17, 18 are separated.

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